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- (71) Applicant (for all designated States except US): KONIN-KLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ALSAFADI, Yasser [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). CHIPARA, Octav [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). YASSIN, Amr [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

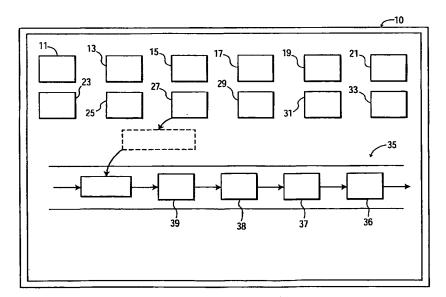
- (74) Common Representative: KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o Keegan, Frank, P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).
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(54) Title: SYSTEM AND METHOD FOR CONTROLLING A ROBOT



(57) Abstract: The present invention is directed to a computer-implemented system and method for controlling robots (41) using a high-level programming language. The invention defines three programming languages, i.e., two high-level languages and a lowlevel language. A first high-level programming language is referred to herein as a robot scenario language (RSL) (20), in which an end-user (18) creates a robotic presentation (40) in terms of high-level behaviors or actions. A second high-level language, referred to herein as a robot behavior language (RBL) comprised of templates for describing how each high level behavior or action in the high-level (RSL) language is to be transformed or mapped into low-level language commands for directly controlling the hardware of the robot (41). The low-level language referred to herein as a robot hardware language (RHWL).

